

2143
IPW

ATTORNEY DOCKET NO.: EMC04-14

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Joseph Murphy and Ilya Lubovich
Serial No.: 09/431,758
For: MULTIPLE STORAGE ARRAY CONTROL
Filing Date: November 1, 1999
Examiner: Vaughn Jr. William C.
Art Unit: 2143

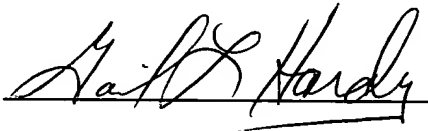
Former Attorney Docket No: 07072-919001
New Attorney Docket Number: EMC04-14

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TRANSMITTAL LETTER

Sir:

In connection with the above-identified pending provisional patent application, enclosed herewith are the following:

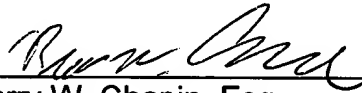
- [x] Transmittal Letter (this form, 2 pages) (in duplicate), Total Pages: 4;
- [x] Revocation of Powers of Attorney and Appointment of New Attorneys And/Or Agents, Total Pages: 1;
- [x] Copy of Patent Assignment, including Schedule 1 for Certification under 37 C.F.R. §3.73(b), Total Pages: 3;
- [x] Return Receipt Pre-paid Postcard (in duplicate), Total postcards: 2;

If any fees are required for this submission, they may be charged to the account of the undersigned, U.S.P.T.O. Deposit Account No. 50-0901.

If the enclosed papers are considered incomplete or fees are required for this submission, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 366-9600 in Westborough, Massachusetts.

Respectfully submitted,

CHAPIN & HUANG, L.L.C.



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Facsimile: 508-616-9805

Dated: September 15, 2004



**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	09/431,758
Filing Date	November 1, 1999
First Named Inventor	Joseph G. Murphy
Art Unit	2143
Examiner Name	William C. Vaughn Jr.
Attorney Docket Number	EMC04-14

I hereby appoint:

☒ Practitioners at Customer Number 022468

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ The address associated with Customer Number:

OR

☒ Firm or
Individual Name

Barry W. Chapin, Esq.

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508-616-9805

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name

John M. Gunther, Vice President and Assistant General Counsel

Signature

Date

7-21-04

Telephone

508-435-1000

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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RECORDATION FORM COVER SHEET PATENTS ONLY

Assistant Commissioner for Patents: Please record the attached true copy.

1. Name of conveying parties:
Joseph G. Murphy and Ilya Lubovich
Additional name(s) attached? ☐ Yes ☒ No

2. Name and address of receiving party:
EMC Corporation
35 Parkwood Drive
Hopkinton, MA 07148

3. Nature of conveyance:
☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other:

Additional names/addresses attached? ☐ Yes ☒ No



Execution Date: **October 28, 1999**

4. Application number(s) or patent number(s):
If this document is being filed with a new application, the execution date of the application is: **October 25, 1999**
A. Patent Application No.(s): B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence concerning document should be mailed:

Gary A. Walpert
Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804

6. Total number of applications/patents involved: **1**

7. Total fee (37 CFR 3.41): **\$40**
☒ Enclosed

☐ Authorized to charge deposit account

8. Deposit account number: **06-1050**
If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is a true copy of the original document.*

Frank R. Occhiuti

Name of Person Signing

Frank R. Occhiuti
Signature

November 1, 1999
Date

Total number of pages including cover sheet, attachments, and document: **3**

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Date of Deposit **November 1, 1999**

I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

[Signature]
Jas. DeThomas

ASSIGNMENT

For valuable consideration, we, Joseph G. Murphy of Westford, Massachusetts and Ilya Lubovich of Manchester, Connecticut hereby assign to EMC Corporation, a Massachusetts corporation having a place of business at 171 South Street, Hopkinton, Massachusetts 07148, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MULTIPLE STORAGE ARRAY CONTROL, filed HEREWITH, and assigned U.S. Serial Number _____, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for us and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Hopkinton, MA

this 28th day of October, 19

Joseph G. Murphy
Joseph G. Murphy

L.S.

STATE OF Massachusetts

COUNTY OF Middlesex :

:ss.

Before me this 28th day of October, 1999, personally appeared

Joseph G. Murphy known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Nancy E. Buck
Notary Public

My Commission Expires:

[Notary's Seal Here]

NANCY E. BUCK

Notary Public

My Commission Expires Sept. 4, 2003

IN WITNESS WHEREOF, I hereto set my hand and seal at

Hopkinton, MA

this 28 day of October, 1999

L.S.

Ilya Lubovich

STATE OF

Massachusetts

COUNTY OF

Middlesex ss.

Before me this 28th day of October, 1999, personally appeared

Ilya Liubovich known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Nancy E. Buck
Notary Public

My Commission Expires:

[Notary's Seal Here]

NANCY E. BUCK

Notary Public

My Commission Expires Sept. 4, 2003